

Fig. 4

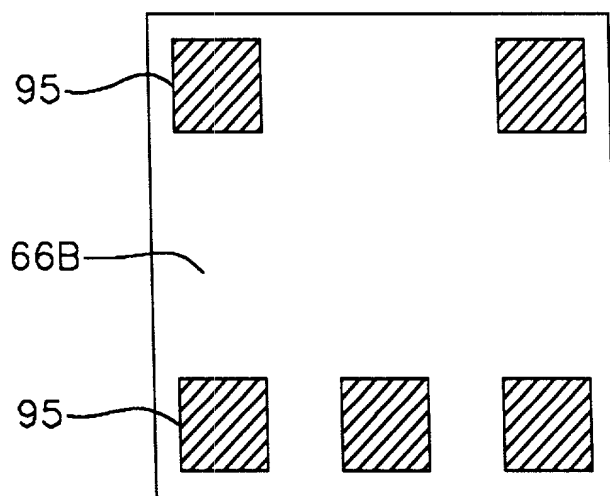


Fig. 5

205220 " 4T2800T

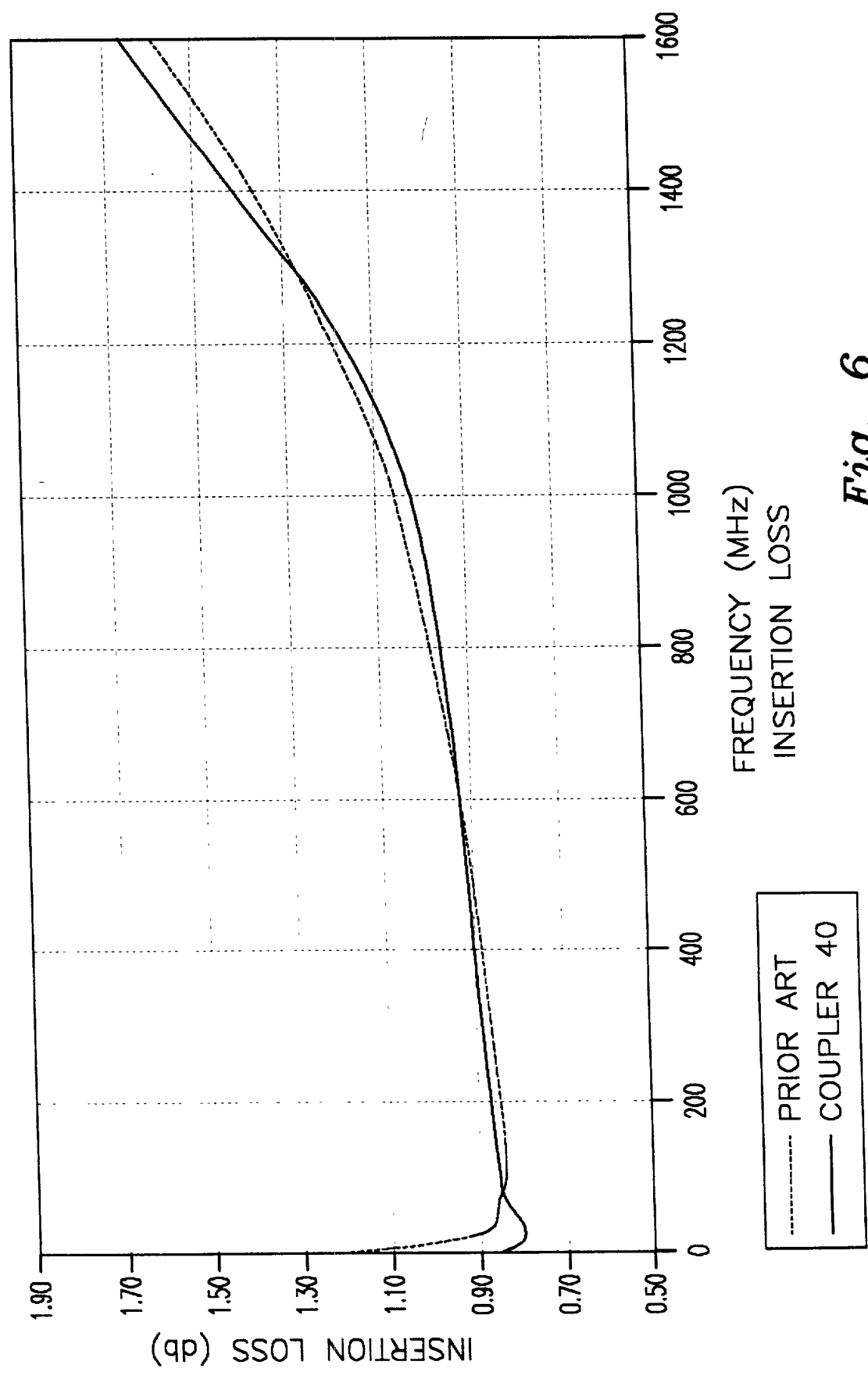


Fig. 6

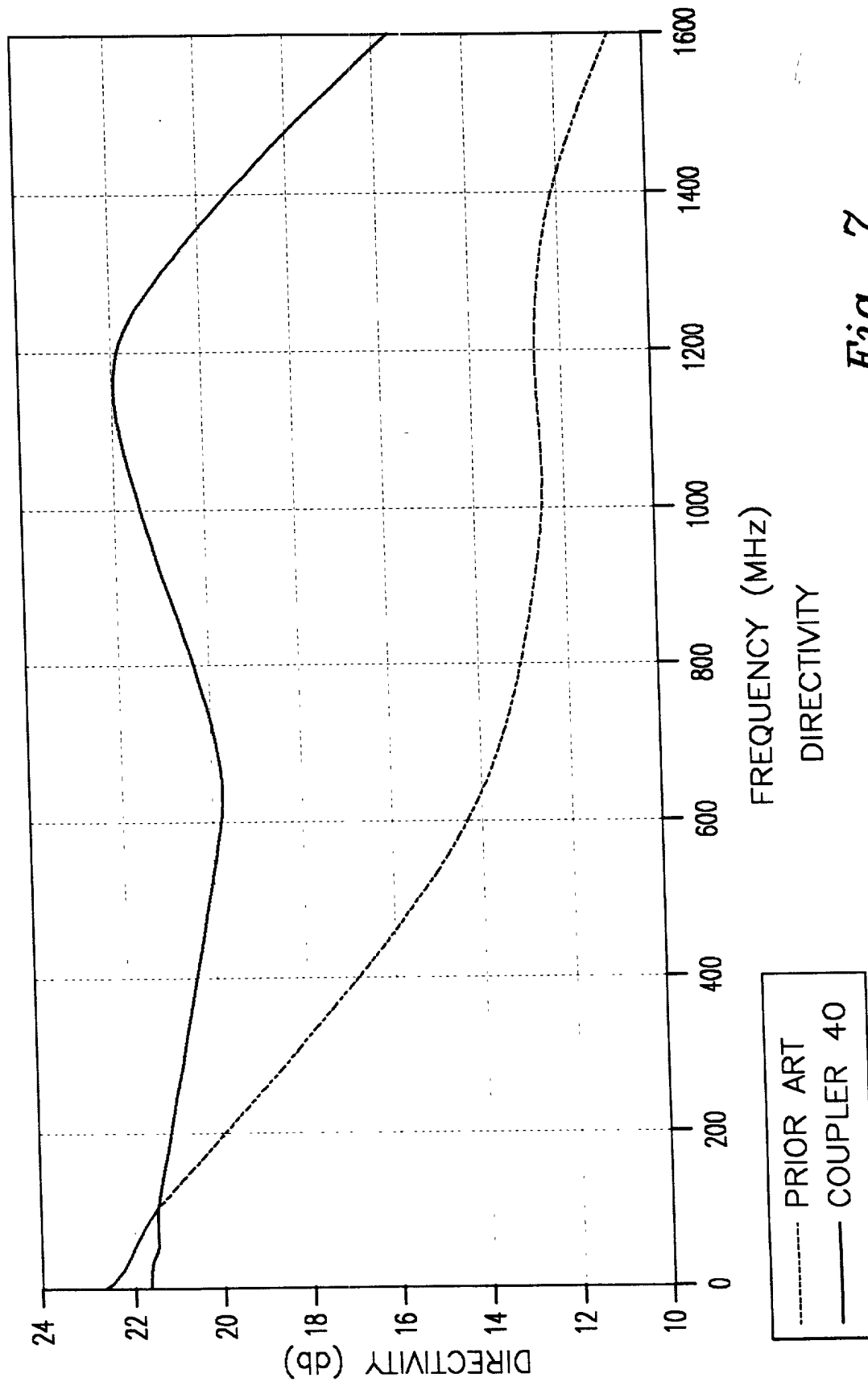


Fig. 7

3

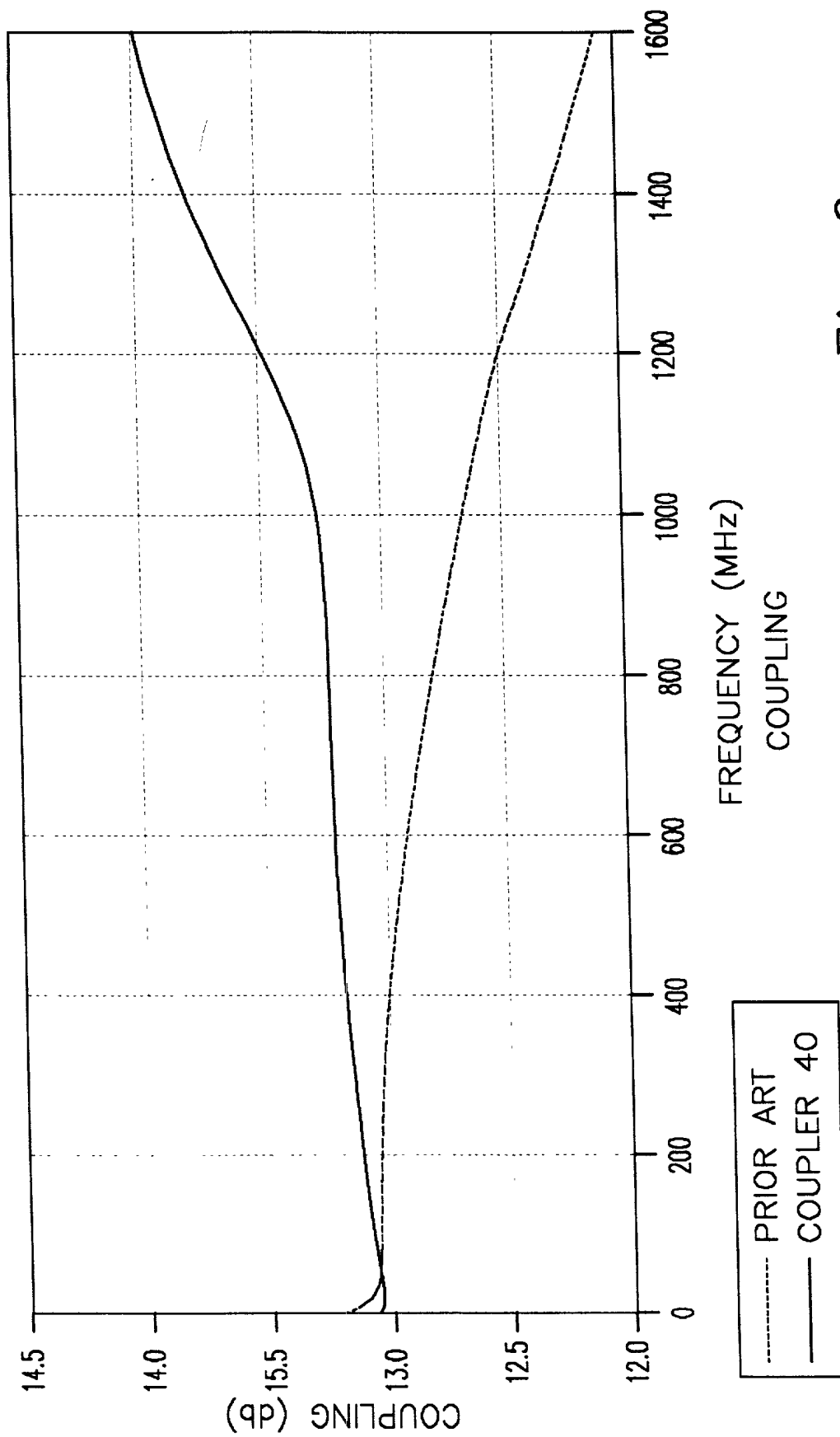


Fig. 8

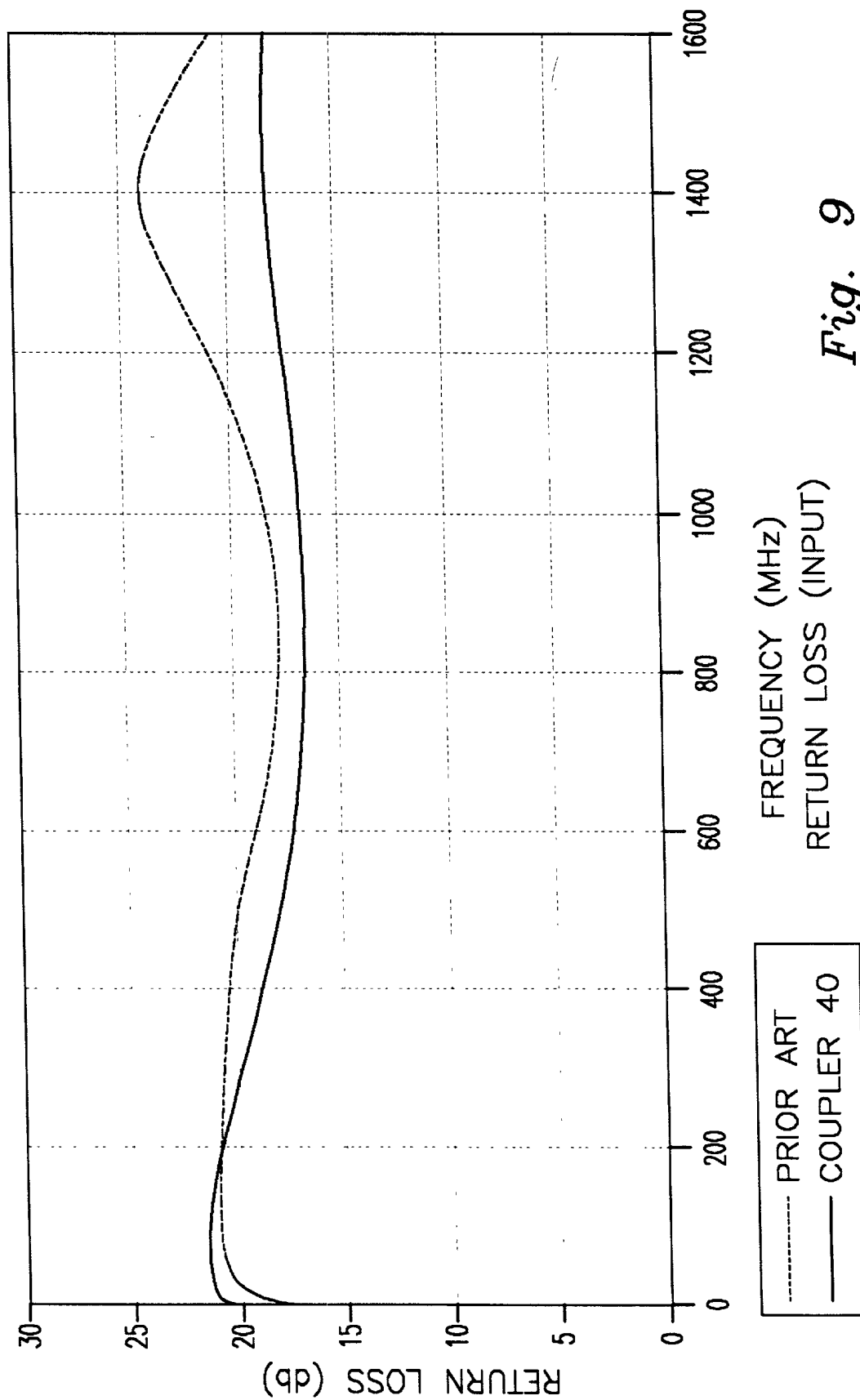
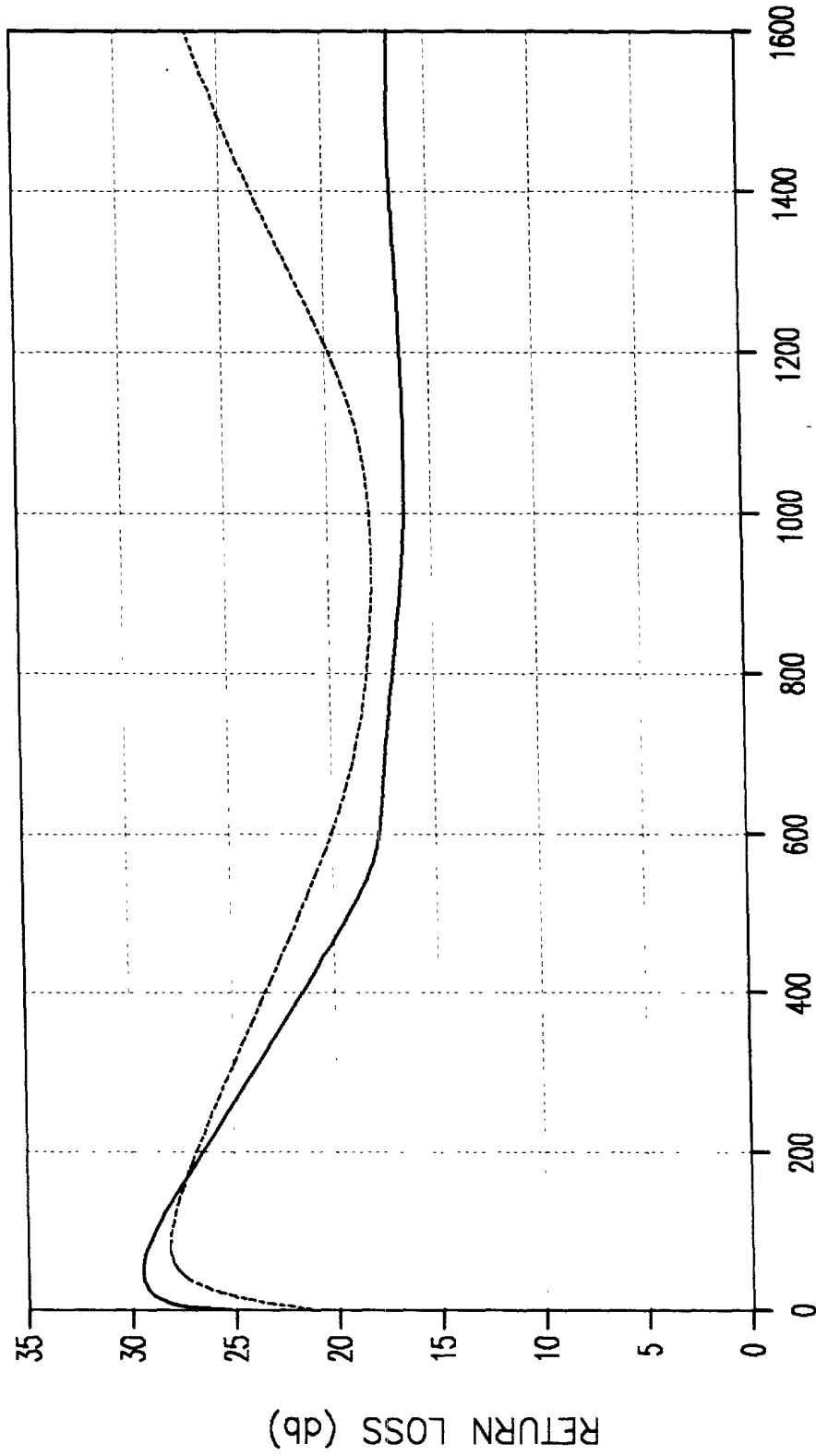


Fig. 9



----- PRIOR ART
 _____ COUPLER 40

Fig. 10

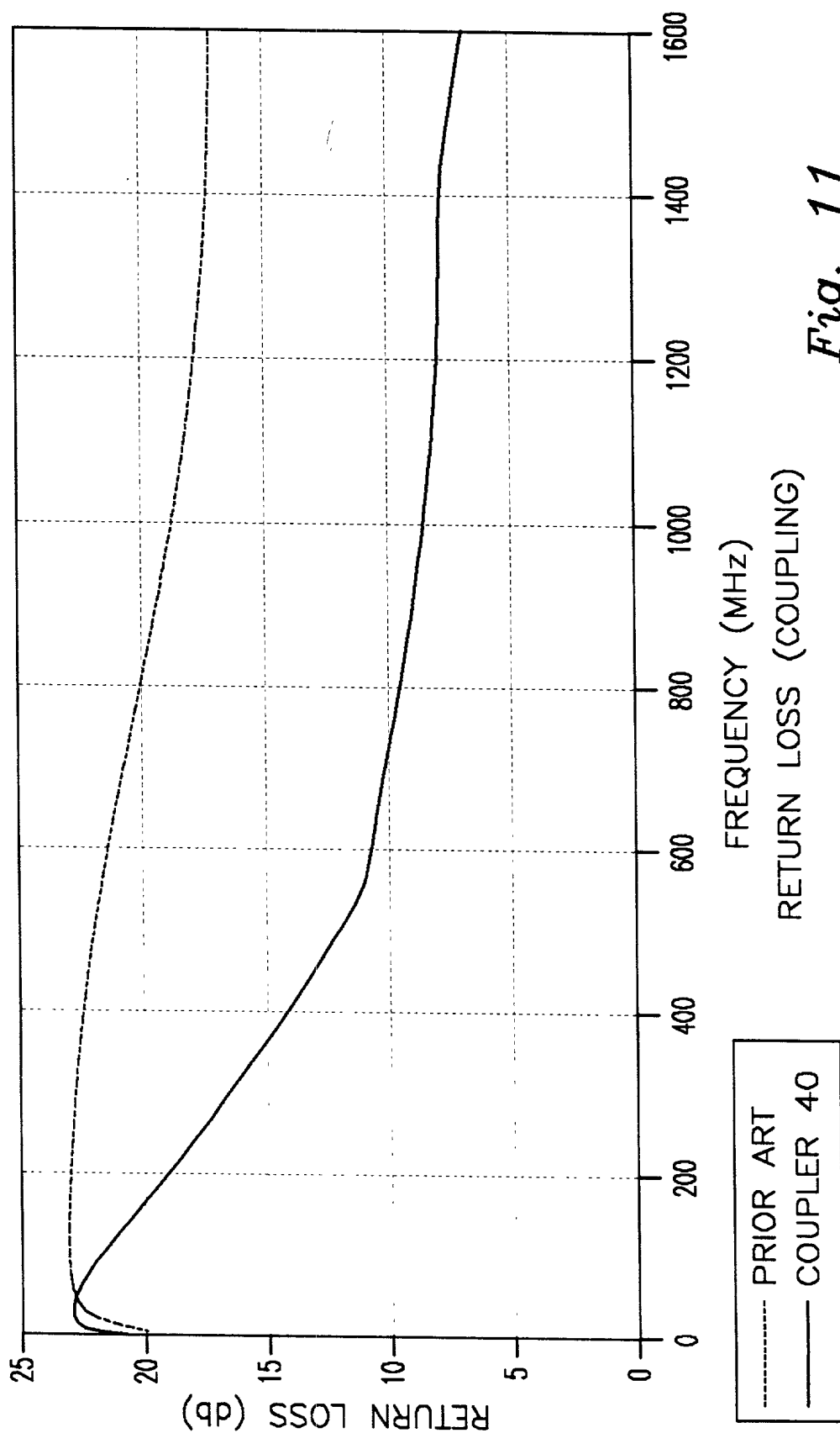


Fig. 11

ELECTRICAL SPECIFICATIONS

MODEL NO.	FREQ. RANGE (MHz) f _l -f _u	COUPLING (db)		MAINLINE LOSS (db)				DIRECTIVITY (db)				VSWR (:1)	POWER INPUT, W L MU Max. Max.
		Norm.	Max. Flatness	L Typ.Max.	M Typ.Max.	U Typ.Max.		L Typ.Min.	M Typ.Min.	U Typ.Min.			
DBTC-9-4	5-1000	9.0±0.5	±0.5	1.2 2.0	1.2 1.8	1.5 2.0		21 17	18 13	15 --		1:30	0.5 1.0
DBTC-10-4-75	5-1000	10.5±0.5	±0.7	1.5 2.2	1.4 2.0	1.5 2.0		21 16	20 13	16 --		1:30	0.5 1.0
DBTC-12-4	5-1000	12.2±0.5	±0.9	0.9 1.8	0.7 1.3	1.1 1.6		33 22	21 14	15 --		1:30	0.5 1.0
DBTC-13-4	5-1000	13.0±0.5	±0.6	0.7 1.3	0.7 1.3	1.1 1.6		21 17	18 13	13 --		1:30	0.5 1.0
DBTC-13-5-75	5-1000	13.2±0.5	±0.6	0.9 1.4	1.0 1.5	1.1 1.6		21 17	19 14	18 --		1:30	0.5 1.0
	1000-1500	13.6±0.5	±0.8		1.4 2.2				17 --				
DBTC-16-5-75	5-1000	16.3±0.5	±0.7	1.2 2.0	1.0 1.5	1.1 1.6		22 16	21 13	20 --		1:30	1.0 1.0
	1000-1500	16.5±0.5	±0.7		1.3 1.9				19 --			1:30	1.0 1.0
DBTCC-17-5	5-1000	17.0±0.7	±0.9		0.9 1.4				20 13			1:30	-- 2.0
	1000-1500	17.7±0.9	±1.0		1.0 1.5				20 10			1:30	-- 2.0
	1500-2000	18.0±1.0	±0.8		1.1 1.6				14 --			1:30	-- 2.0
DBTC-18-4-75	5-1000	18.2±0.5	±0.7	0.8 1.5	0.8 1.4	1.0 1.6		25 16	21 14	15 --		1:30	1.0 1.0
DBTC-20-4	20-1000	20.4±0.6	±0.8	0.3 1.0	0.4 1.0	0.7 1.3		21 13	21 14	16 --		1:20	1.0 1.0

L=low range [f_l to 10f_l] M=midrange [10f_l to f_u/2] U=upper range [f_u/2 to f_u] Fig. 12